



World's fastest photo printing All-in-One with advanced print, scan and copy performance.¹ Built-in networking and slide/negative scanner adapter, plus 6 individual inks. Print and copy true-to-life photos that resist fading for generations² with HP Vivera Inks, up to 4800-optimized dpi color,³ and high-quality scans. Print without a PC using 2.5" image display, memory cards⁴, camera phone⁵ and more. Easily enhance photos with HP Real Life technologies and HP Image Zone software.

¹ Speed comparisons in default and fastest modes, when printing from a computer, based upon HP internal testing of comparable consumer photo printing products available as of April 2005

² Based on HP Image Permanence Lab light-fade testing under glass on HP Premium Plus Photo Papers; confirmation test in progress by Wilhelm-Research.com. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>

³ Up to 4800x1200-optimized dpi color when printing from a computer and 1200-input dpi

⁴ Memory card slots support Secure Digital/MultiMedia Card, CompactFlash™ Type I and II, Memory Stick®, XDPicture Card™, Memory Stick® Duo (with adapter, not included purchase separately), Mini SD (with adapter, not included purchase separately).

⁵ Wireless printing requires HP Bluetooth® Wireless Printer Adapter (bt300/400 series models); not included, purchase separately. Printer supports Memory Stick® Duo (with adapter, not included, purchase separately), Mini SD (with adapter, not included, purchase separately).

World's fastest photo printing All-in-One, networking, 6 individual inks and slide/negative scanner¹

World's fastest photo printing All-in-One¹

World's fastest photo printing All-in-One¹ with economical 6 individual inks

- Breakthrough print and copy speeds up to 32 ppm black and 31 ppm color; photos as fast as 14 seconds
- Print professional-quality 4x6-inch photos at home for as little as 24 cents per print.²
- HP ink cartridges are designed for efficient ink usage, high volume printing and can save you money

Advanced scanning and copying

Built-in slide/negative adapter, dust and scratch removal and advanced copying

- Save old photos scan slides/negatives with built-in adapter, and remove dust and scratches in images
- Make vivid, true-to-the-original color copies, plus new copy preview/crop without PC feature
- Superior scanning on oversized 8.5x12-inch with 4800x4800 dpi optical resolution, 48-bit color

Photos and copies without a PC

Print and copy without a PC simply view and print photos on 2.5-inch display

- Direct photo printing using image display, memory cards³, HP proof sheet, or PictBridge USB port
- Adjustable control panel and 2.5-inch color image display enable optimal viewing from any angle
- Easily print and share your photos memories from your camera phone wirelessly or via memory card⁴

Convenient photo center

Auto red-eye removal and other innovations to enhance your photo printing

- Automatically remove red-eye, enhance detail in dark areas of photos with HP Real Life technologies
- Organize, edit, enhance and print photos and create photo projects with HP Image Zone software
- New automated 4x6-inch tray for dedicated photo printing, plus optional auto 2-sided printing⁵
- Standard-size and panorama photos—with or without borders—print up to 8.5x24⁶

Networked Photo All-in-One

Network your All-in-One to share with multiple PCs or send photos to a remote PC

- Built-in networking—easily share print, scan and copy functions on a small computer network
- For wireless benefits, plug your All-in-One into the Ethernet port of a wireless router
- Send photos to friends without using a PC via included HP Instant Share printer-to-printer sharing⁷

True-to-life photo-quality

True-to-life, long-lasting photos and laser-quality text documents

- Print rich and realistic photos with virtually no grain using 6-ink color with HP Vivera Inks
- Photos resist fading for generations⁸ and stored laser-quality documents retain clarity for decades⁹

Rely on HP. PC Magazine rated HP service and reliability A/A+ for 13 consecutive years.

Low on ink?

- HP SureSupply notifies you when it is time to replace your print cartridge and helps you purchase locally or via the internet.¹⁰

¹ Speed comparisons in default and fastest modes, when printing from a computer, based upon HP internal testing of comparable consumer photo printing products available as of April 2005

² Special offer with purchase of optional HP Photo Value Pack, Custom 02 Series, 4 x 6, 150 sheets based on estimated street price. Results may vary.

³ Memory card slots support Secure Digital/MultiMedia Card, CompactFlash™ Type I and II, Memory Stick®, XD-Picture Card™, Memory Stick® Duo (with adapter, not included purchase separately), Mini SD (with adapter, not included purchase separately).

⁴ Wireless printing requires HP Bluetooth® Wireless Printer Adapter (bt300/400 series models); not included, purchase separately. Printer supports Memory Stick® Duo (with adapter, not included, purchase separately), Mini SD (with adapter, not included, purchase separately).

⁵ With purchase of HP Auto Two-Sided Print Accessory. (not included, sold separately)

⁶ Borderless printing up to 8.5x24 using brochure, photo and plain paper

⁷ Internet connection required. Internet service purchased separately. Printer-to-printer sharing service compatible with HP Officejet 7400 and 7300 All-in-One series, HP Photosmart 3300, 3200, 2700, 2600 and 2570 All-in-One series; All-in-One must be on a network with broadband Internet connection.

⁸ Based on HP Image Permanence Lab light-fade testing under glass on HP Premium Plus Photo Papers; confirmation test in progress by Wilhelm-Research.com. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>

⁹ Based on paper industry predictions for acid-free papers; colorant stability data at room temperature based on similar systems tested as per ISO 11798 and ISO 18909

¹⁰ Only available with genuine HP supplies; internet access required.

HP Photosmart 3210 All-in-One Printer, Scanner, Copier

Datasheet

Technical specifications

Print Technology	HP Thermal Inkjet
Print Resolution	Black (best): Up to 1200 rendered dpi black (when printing from a computer); Color (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
Print Speed¹	Black (draft; letter): Up to 32 ppm; Color (draft; letter): Up to 31 ppm
Print Languages Standard	HP PCL Level 3 Enhanced
Printing Capabilities	Direct Printing: Yes (memory cards, PictBridge cameras); Borderless Printing Supported: Yes (up to 8.5 x 24 in); Video Action Printing Supported ²
HP Real Life Technologies Features	HP Auto Red-eye Removal, HP Adaptive Lighting
Recommended Monthly Volume (letter)	Up to 3000
Copy Features	Number of Copies Maximum: Up to 50; Copy Scaling: 25 to 400%
Copier Settings	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)
Copy Resolution	Black Text: Up to 600 x 1200 dpi; Black Graphics: Up to 600 x 1200 dpi; Color Graphics: Up to 4800 x 1200-optimized dpi
Copy Speed	Black: Up to 32 cpm; Color: Up to 31 cpm
Scan Type/Input Modes	Type: Flatbed; Technology: CCD; Input Modes: Front-panel scan, HP Director, TWAIN; Bit depth: 48-bit; Grayscale Levels: 256; Twain version: 1.7
Scan Resolution³	Optical: 4800 dpi; Hardware: 4800 x 4800 dpi optical; Enhanced: 4800 x 4800 dpi optical resolution, 48-bit color and up to 19200 dpi enhanced
Output File Format	JPEG
Scan Size Maximum	US: 8.5 x 12 in, Metric: 21.3 x 30.5 cm
Connectivity	Standard: 1 USB, 1 Ethernet, 1 PictBridge; Optional: HP bt300 Bluetooth Wireless Printer Adapter or HP bt450 Bluetooth Wireless Printer and PC Adapter
Paper Handling	Input: 100-sheet input tray (tray 1), 20-sheet photo tray (tray 2); Input capacity (tray 1): Up to 100 US letter/legal, Up to 30 transparencies, Up to 30 labels, Up to 60 cards, Up to 10 envelopes; Output capacity: Up to 50 US letter/legal; Up to 25 transparencies, Up to 20 labels, Up 25 to cards, Up to 30 envelopes
Memory Card Compatibility	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card
Media Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media
Media Sizes Standard (US)	Letter, legal, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes, panorama
Custom Media Sizes	Tray 1: 3 x 4 to 8.5 x 24 in; Tray 2: 3.5 x 5 to 4.1 x 6.5 in
Media Weight (US)	Tray 1: 60 to 90 g/m ² (up to 200 g/m ²); Tray 2: up to 200 g/m ²
Media Weight Recommended	20 to 24 lb (75 to 90 g/m ²)
Memory	Standard/Maximum: 64 MB
Display Description	2.5-in LCD (color graphics)

¹ Print speeds vary according to the complexity of the document.

² Includes video playback.

³The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

Compatible Operating System

Microsoft® Windows® 98, 98 SE, Me, 2000, XP Home, XP Professional; Mac OS X v10.2.8, v10.3 and later (does not support Mac OS 9)

Minimum System Requirements

For all systems: CD-ROM drive; available USB port and USB cable for direct connection; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; full-color scanning requires an additional 50 MB hard disk space; Internet access recommended; **For PC requirements:** Intel Pentium II, Celeron or compatible processor (Pentium III or higher recommended); 128 MB RAM for Windows 98, 98 SE, 2000, Me, XP Home and XP Professional (256 MB or higher recommended for all operating systems); 855 MB available hard disk space for full software installation (395 MB for basic software installation); Windows 98, 98 SE, 2000, Me, XP Home, XP Professional (Windows 3.1, 95, NT 4.0 or DOS are not supported); networking and wireless features require a working Ethernet or wireless 802.11b/g network; Microsoft Internet Explorer 5.01 or higher; **For Mac systems:** G3 processor (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended); 400 MB available hard disk space for software installation; Mac OS 9.1 or higher; Mac OS X v 10.1.5, 10.2.3, 10.3 or higher (does not support Mac OS 9.0 and earlier or OS X v 10.2, 10.2.1 and 10.2.2); HP Memories Disc Creator software (requires CD-Writer and 700 MB of additional hard disk space); QuickTime 5.0 or higher; Web browser

Operating Environment

Recommended Operating Temperature: 59 to 95° F (15 to 35° C); **Storage Range:** -40 to 158° F (-40 to 70° C); **Maximum Operating Temperature:** 32 to 113° F, 0 to 45° C; **Operating Humidity:** 5 to 80% RH; **Humidity Recommended Operating Range:** 20 to 80% RH; **Storage Humidity:** 5 to 80% RH

Dimensions/weight

US: 18.3 x 15.6 x 8.7 in, **Metric:** 464 x 395 x 220 mm/**US:** 26.1 lb, **Metric:** 11.85 kg

Acoustic Emissions (active)

Pressure: 54 dB(A) (color printing), 55 dB(A) (normal, black-and-white printing), 54 dB(A) (color copying), 55 dB(A) (black-and-white copying), 23 dB(A) (idle); **Power:** 6.7 B(A) (color printing), 6.9 B(A) (black-and-white printing), 6.7 B(A) (color copying), 6.97 B(A) (black-and-white copying), 3.6 B(A) (idle)

Power

Type: External: universal power supply; **Power Supply Required:** Input voltage 100 to 240 VAC (+/- 10%), input frequency 50/60 Hz (+/- 3 Hz); **Consumption:** 95 watts maximum

Note: Power requirements are based on the country or region where the product is sold. Do not convert operating voltages or use with other voltages. Doing so might cause damage that would not be covered under HP's product warranty.

Warranty

One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support, plus a toll-free number

Product Number: Q5843A

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HP Photosmart 3210 All-in-One Printer, Scanner, Copier

Datasheet

Ordering Information

Part Number

Ordering Information	Part Number
HP Photosmart 3210 All-in-One Printer, Scanner, Copier	Q5843A
Replacement Ink Cartridges	
HP O2 Black Ink Cartridge, 10 ml	C8721W
HP O2 Cyan Ink Cartridge, 4 ml	C8771W
HP O2 Magenta Ink Cartridge, 3.5 ml	C8772W
HP O2 Yellow Ink Cartridge, 6 ml	C8773W
HP O2 Light Cyan Ink Cartridge, 5.5 ml	C8774W
HP O2 Light Magenta Ink Cartridge, 5.5 ml	C8775W
HP Business Communication Paper & Film	
HP Brochure and Flyer Paper, Glossy, 50 sheets	C6817A
HP Brochure and Flyer Paper, Matte, 50 sheets	C6955A
HP Premium Inkjet Transparency Film, 20 sheets	C3828A
HP Tri-fold Brochure Paper, Glossy, 100 sheets	C7020A
HP Photo Papers	
HP Custom O2 Series Photo Value Pack	Q7964AC
HP Advanced Photo Paper, Glossy, 8.5x11, 25 sheets	Q7852A
HP Advanced Photo Paper, Glossy, 8.5x11, 50 sheets	Q7853A
HP Advanced Photo Paper, Glossy, 8.5x11, 100 sheets	Q7854A
HP Advanced Photo Paper, Glossy, 4x6, w/tab, 100 sheets	Q7906A
HP Advanced Photo Paper, Glossy, 4x6, Borderless, 100 sheets	Q6638A
HP Photo Paper, letter size, 20 sheets	C1846A
HP Photo Paper, letter size, 60 sheets	C6982A
HP Photo Paper, 4 x 6 in., 20 sheets	C7890A
HP Photo Paper, 4 x 6 in., 20 sheets	C7893A
HP Everyday Photo Paper, Semi-gloss, letter size, 25 sheets	C6983A
HP Everyday Photo Paper, Matte, letter size, 100 sheets	C7007A
HP Premium Photo Paper, letter size, 15 sheets	C6039A
HP Premium Photo Paper, letter size, 15 sheets	C6979A
HP Premium Photo Paper, letter size, 50 sheets	Q1988A
HP Premium Photo Paper, 4 x 6 in, 20 sheets	Q1989A
HP Premium Photo Paper, 4 x 6 in, 60 sheets	Q1990A
HP Premium Plus Photo Paper, Glossy, letter size, 20 sheets	C6831A
HP Premium Plus Photo Paper, Glossy, letter size, 50 sheets	Q1785A
HP Premium Plus Photo Paper, Glossy, 4 x 6 in, 20 sheets	Q1977A
HP Premium Plus Photo Paper, Glossy, 4 x 6 in, 60 sheets	Q1978A
HP Premium Plus Photo Paper, Glossy, Borderless, 4 x 6 in, 60 sheets	Q2502A
HP Premium Plus Photo Paper, Matte, letter size, 20 sheets	C6950A
HP Premium Plus Photo Paper, Matte, 4 x 6 in, 60 sheets	Q2506A
HP Creative Papers	
HP Greeting Card Paper, White, Quarter-fold, 20 sheets/envelopes	C1812A
HP Matte Greeting Card, White, Half-fold, 20 sheets/envelopes	C7018A
HP Textured Greeting Card Paper, White, Half-fold, 20 sheets/envelopes	C7019A
HP Textured Greeting Card Paper, Ivory, Half-fold, 20 sheets/envelopes	C6828A
HP Linen Greeting Card Paper, White, Half-fold, 20 sheets/envelopes	C1788A
HP Photo Greeting Card, 10 sheets/envelopes	C6044A
HP Iron-on T-shirt Transfers, 10 sheets	C6049A
Accessories	
HP USB Cable	C6518A
HP bt300 Bluetooth Wireless Printer Adapter	Q3395A
HP bt450 Bluetooth Wireless Printer Adapter	Q6398A
HP Two-sided Printing Accessory ph5582	Q5582A

Ordering information

What's in the box?

- HP Photosmart 3210 All-in-One Printer, Scanner, Copier
- Package contains six ink cartridges: HP O2 Black, 16 ml; HP O2 Cyan, 4.5 ml; HP O2 Magenta, 4.5 ml; HP O2 Yellow, 4.5 ml; HP O2 Light Cyan, 4.5 ml; HP O2 Light Magenta, 4.5 ml
- HP Image Zone Photo and Imaging Software on CD-ROM
- Setup booklet
- User's guide
- Power supply and power cord



Product Number: Q5843A

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